ErP Lot 6
Ready!

ENERMAX
POWER. INNOVATION. DESIGN.

Entry-level **Power Supply Series**

Models

ENP350AGT	350W	non-modular
ENP450AGT	450W	non-modular
ENP550AWT	550W	non-modular
ENP450AWT	450W	non-modular, 80 PLUS®
ENP500AWT	500W	non-modular, 80 PLUS®
ENP600AWT	600W	non-modular, 80 PLUS®
ENM750AWT	750W	modular, 80 PLUS® Bronze
ENM850EWT	850W	modular, 80 PLUS® Bronze

Features for all NAXN PSU

ErP Lot 6 ready!
Help systems to meet EU eco-design directive ErP/EuP Lot 6 (<1W in standby mode) due to improved, high-efficient 5V standby (+5Vsb) circuitry.

Intel ATX 12V v2.3
Compliant with the latest desktop power supply design guide. Full support of most current CPU: Intel® Core 2 Duo™/ Quad™/ Extreme™ / i7™ / i5™ / i3™ and AMD® Athlon™ 64X2/X4 or Phenom™ X3/X4.

Multi Rail Design
Stable and reliable power supply with up to four powerful 12V rails.

AirGuard
Patented air-intake with optimal aero-dynamical design reduces noisy air turbulences.

Silent Cooling
Ultra quiet fan with intelligent RPM control guarantees cool performance and silent operation.

SafeGuard
Multiple protection circuitry of OVP, UVP, SCP, OPP and SIP.

Active PFC
Excellent active Power Factor Correction (PFC) with up to 0.99 to minimize power waste.

Worldwide Compatibility
100-240V AC input with automatic adjustment for global usage (except ENP350AGT and ENP450AGT).

Dimensions (W x H x D)
150 x 86 x 140mm (ENM750AWT/ENM850EWT: 150 x 86 x 160mm).

Warranty
3 years vendor warranty.

Features for ENP 450AWT / 500AWT / 600AWT

80 PLUS® efficiency
Up to 86% efficiency at 230V and 20-100% load. 80 PLUS® certified.

HeatGuard
Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolonging system lifetime.

Non-Stop @ 40°C
Non-stop industrial class performance at 40°C/104°F ambient.

ENERGY STAR 5.0 ready!
Support computer system to meet ENERGY STAR 5.0 standard.

Features for ENM 750AWT / 850EWT

80 PLUS® Bronze efficiency
Up to 88% efficiency at 230V and 20-100% load. 80 PLUS® Bronze certified.

Future ready and flexible
All-round modular cable management. 10/12P sockets for possible connector changes of upcoming high-performance CPU and graphics card generations.

DXXI ready!
Full support of most current DX11 graphics cards due to min. four 6+2P (8P) connectors.

Full graphics power
Supports SLI™ systems and CrossFireX™ systems.

HeatGuard
Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolonging system lifetime.

Non-Stop @ 40°C
Non-stop industrial class performance at 40°C/104°F ambient.

ENERGY STAR 5.0 ready!
Support computer system to meet ENERGY STAR 5.0 standard.

Specifications ENP 350AGT / 450AGT / 550AWT

	ENP350AGT		ENP450AGT		ENP550AWT	
AC Input Rating						
Input Voltage	230 VAC, 50-60 Hz				100-240 VAC, 50-60 Hz	
Input Current	4A				8A	
DC Output Rating						
+3.3V	21A	120W	22A	160W	25A	130W
+5V	17A		18A		25A	
+12V1	15A	300W (25A)	21A	360W (30A)	19A	456W (38A)
+12V2	15A		18A		19A	
-12V	0.3A	3.6W	0.3A	3.6W	0.8A	9.6W
+5Vsb	2.5A	12.5W	2.5A	12.5W	3A	15W
Total Power	**350W**		**450W**		**550W**	
Peak Power	385W		495W		605W	

Cables and Connectors ENP 350AGT / 450AGT / 550AWT

		ENP350AGT	ENP450AGT	ENP550AWT
Mainboard		1x 50cm	1x 50cm	1x 50cm
CPU 4+4 Pin		1x 60cm	1x 60cm	1x 60cm
PCI-E 6 Pin		1x 50cm	1x 50cm	1x 50cm
PCI-E 6+2P=8P		–	1x 50cm	1x 50cm
SATA		4x	5x	5x
Molex 4P		4x	4x	4x
FDD		1x	1x	1x

Specifications ENP 450AWT / 500AWT / 600AWT

	ENP450AWT		ENP500AWT		ENP600AWT	
AC Input Rating						
Input Voltage	100-240 VAC, 50-60 Hz, Active PFC					
Input Current	6A		8A		10A	
DC Output Rating						
+3.3V	25A	120W	25A	130W	25A	130W
+5V	20A		20A		25A	
+12V1	17A	360W (30A)	18A	408W (34A)	20A	480W (40A)
+12V2	17A		18A		20A	
-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W
+5Vsb	3A	15W	3A	15W	3A	15W
Total Power	**450W**		**500W**		**600W**	
Peak Power	495W		550W		660W	

Cables and Connectors ENP 450AWT / 500AWT / 600AWT

		ENP450AWT	ENP500AWT	ENP600AWT
Mainboard		1x 50cm	1x 50cm	1x 50cm
CPU 4+4 Pin		1x 60cm	1x 60cm	1x 60cm
PCI-E 6 Pin		1x 50cm	1x 50cm	–
PCI-E 6+2P=8P		1x 50cm	1x 50cm	2x 50cm
SATA		5x	5x	7x
Molex 4P		4x	4x	4x
FDD		1x	1x	1x

Specifications ENM 750AWT / 850EWT

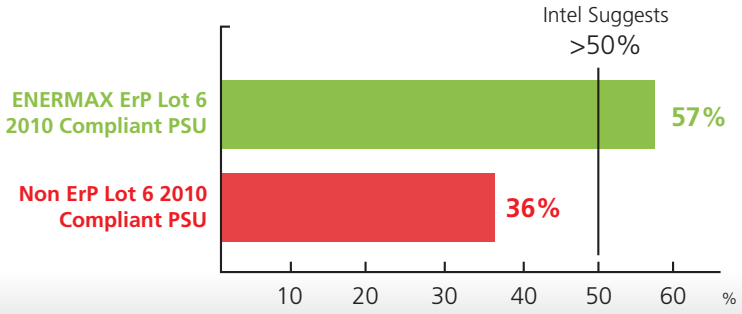
	ENM750AWT		ENM850EWT	
AC Input Rating				
Input Voltage	100-240 VAC, 50-60 Hz			
Input Current	10A		11A	
DC Output Rating				
+3.3V	22A	130W	28A	180W
+5V	22A		30A	
+12V1	35A	648W (54A)	20A	750W (62.5A)
+12V2	35A		20A	
+12V3	–		30A	
+12V4	–		30A	
-12V	0.3A	3.6W	0.8A	9.6W
+5Vsb	3A	15W	3A	15W
Total Power	**750W**		**850W**	
Peak Power	825W		935W	

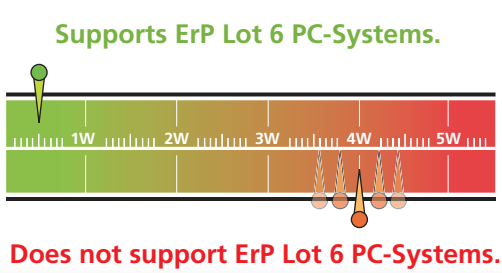
Cables and Connectors ENM 750AWT / 850EWT

		ENM750AWT	ENM850EWT
Mainboard		1x fixed 55cm	1x fixed 55cm
CPU 4+4 Pin		1x fixed 60cm	1x fixed 60cm
CPU 8 Pin		1x fixed 60cm	1x fixed 60cm
PCI-E 6+2P=8P		2x modular 50cm / 2x fixed 50cm	4x modular 50cm / 2x fixed 50cm
SATA		10x modular	10x modular
Molex 4P		5x modular	5x modular
FDD		1x modular	1x modular

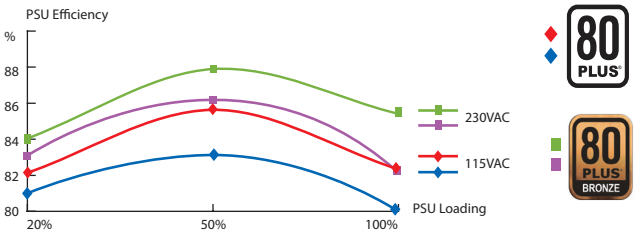
ErP Lot 6 ready!

ErP Lot 6 (ErP = Energy-related Products, previously EuP = Energy-using Products) is part of the EU eco-design directive and amongst others defines the maximum power consumption of PC systems in standby mode. Following this regulation, a PC system must not consume more than 1W (from 2013 on < 0,5W). The decisive components to fulfil the ErP Lot 6 targets are the mainboard and the PSU. Enermax relies on a new circuit design, which improves the efficiency of the 5V standby rail (+5Vsb) about 20 per cent.



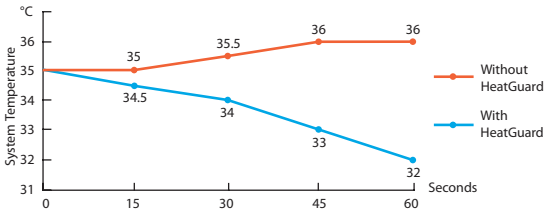


80 PLUS® Efficiency



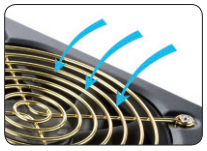
Leading technology for highest efficiency.
80 PLUS® ENP450AWT, ENP500AWT, ENP600AWT
80 PLUS® Bronze: ENM750AWT, ENM850EWT

HeatGuard



Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat (except ENP350AGT / ENP450AGT / ENP550AWT)

AirGuard



Patented air-intake with optimal aerodynamical design reduces noisy air turbulences.

SafeGuard

Multiple protection circuitry (OVP, UVP, OPP, SCP & SIP).

Certifications & Standards

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

E134014

BAUART GEPRÜFT
TYPE APPROVED

R43028